Application No. 10/596,715

April 20, 2011

Reply to the Office Action dated January 20, 2011

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AMENDMENT TO THE SPECIFICATION:

Please AMEND the Abstract of the Disclosure as follows:

A brazing method which provides a braze joint having excellent corrosion resistance and a brazed structure including such a braze joint includes includes assembling a first member and a second member-to be joined into a temporary assembly, the first member including a base plate made of a ferrous material and a diffusion suppressing layer laminated on the base plate and composed made of a Ni-Cr alloy essentially including not less-more than about 15% and not greater-less than about 40% of Cr, the second member being disposed on the diffusion suppressing layer of the first member with intervention of a brazing material of a Cu-Ni alloy essentially including not less-more than about 10% and not greater-less than about 20% of Ni therebetween, and maintaining the temporary assembly at a temperature of not less-more than about 1,200°C to fuse the brazing material and diffuse Ni atoms and Cr atoms into the fused brazing material from the diffusion suppressing layer to form the braze joint, causing the resulting brazing material of the braze joint to have an increased melting point due to the increase of the Ni and Cr contents of the braze joint to self-solidify the braze joint, and then cooling the resulting assembly.